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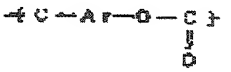
(54) FLAME-RETARDANT POLYCARBONATE COMPOSITION

(57)Abstract:
PROBLEM TO BE SOLVED: To obtain a polycarbonate compsn. excellent in flowability and flame retardancy by incorporating a polycarbonate having terminal phenolic hydroxyl groups in a specified amt. or higher and a wt. average mol.wt. in a specified range, an organopolysiloxane, and polytetrafluoroethylene, each in a specified amt., into the same.
SOLUTION: This compsn. contains 100 pts.wt. polycarbonate comprising repeating units represented by formula I and having a content of terminal phenolic hydroxyl group of 0.05 wt.% or higher and a wt. average mol.wt. of 15,000-25,000, 1-30 pts.wt. organopolysiloxane having a wt. average mol.wt. of 10,000-300,000, and 0.1-0.5 pt.wt. polytetrafluoroethylene dispersed as fibrils having diameters of 0.5 μm or lower. In formula I, Ar is a divalent arom. group or -Ar1-Y-Ar2- (wherein Ar1 and Ar2 are each arylene; and Y is an optionally substd. alkylene group represented by formula II); R1 to R4 are each H, lower alkyl, cycloalkyl, aryl, or the like; k is 3-11; and X is a carbon atom or the like.



I

II

LEGAL STATUS

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